3.2 Creation of SpeechGroup controls

During server-side page loading, the onLoad event is sent to each control on the page. The page-level SpeechGroup control is created by the first QA control receiving the onLoad event. The creation of SpeechGroup controls is done in the following manner: (assume a page containing composite controls)

Every QA control will receive onLoad event from run time code. onLoad for a QA:

- Get the QA's NamingContainer N1
- Search for SpeechGroup in the N1's children
  - If already exists, register QA control with this SpeechGroup. onLoad returns.
  - If not found:
    - Create a new SpeechGroup G1, inserts it into the N1's children
    - If N1 is not Page, find N1's NamingContainer N2
    - Search for SpeechGroup in N2's children, if exists, say G2, add G1 to G2. If not, create a new one G2, inserts in to N2's children
    - Recursion until the NamingContainer is the Page (top level)

During server-side page rendering, the Render event is sent to the speech-enabled page. When the page-level SpeechGroup control receives the Render event, it generates client side script to include RunSpeech.js and inserts it into the page that is eventually sent to the client device. It also calls